

WORK ORDER 2009-03

Date opened: 25 February 2009

Project: Quick Release Cargo Basket Assembly  
Type: Bell 206BBatch Quantity: 5 Complete Basket Assembly (80310-01)  
3 with Lid Walkway (70405-01)  
*3 w/ open front mod.*Approval: Pending  
Drawing List: DCL803-3

Fabrication and Assembly Drawing(s)	Description
80310, Rev. 0	Basket Ass'y
80311, Rev. 0	Basket Body Ass'y
80312, Rev. 0	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 4	Handle Bar Ass'y
36262, Rev. 1	Handle Bracket Ass'y
70405, Rev. 2	Lid Step Installation

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	Y <input checked="" type="checkbox"/>
Document Control List revision level matches (or exceeds) STC:	Y <input checked="" type="checkbox"/>
Drawings revision levels match Document Control List:	Y <input checked="" type="checkbox"/>
Purchase order or Work order source is recorded for each part/ass'y:	Y <input type="checkbox"/>
Tests and inspections specifically called out on drawings are complete:	Y <input type="checkbox"/>
Release tags associated with all fabricated parts are attached:	Y <input type="checkbox"/>
All mounting hardware and supplies are included:	Y <input type="checkbox"/>

List all non-conformities raised: \_\_\_\_\_

Welder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inspector Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Drawing: 80310 Revision 0  
 Assembly: 80310-01 Cargo Basket Ass'y (Quick-Release, Short)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	80310-01	Cargo Basket Assembly			
1	80311-01	Basket Body Assembly	Below		
1	80312-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace		
1	MS20001P4	Piano Hinge		8104	
1	80327-01	Placard	0.063 Sheet, 6061-T6 Aluminum	5052	
3	49205-14	Bumper	Argus Industries Bumper	8071	
A/R	CR3213-4-02	Cherry Rivet		9078	
4	40088-14	Fitting	Ancra	8077	
4	AN960-616	Washer		7036	
1	AN3-15A	Bolt		7077	
1	AN3-17A	Bolt		9056	
4	AN960-10	Washer		9039	
2	AN970-3	Washer		8067	
2	MS21044N3	Nut		9056	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	HR3213-4-02 Rivets		
Final Inspection	Drawing 80310			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **80311** Revision **0**  
 Assembly: **80311-01** **Basket Body Ass'y (Quick-Release, Short, 57.25" long)**

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
5 Total	80311-01	Basket Body Assembly			
2	80322-01	Hoop	4130 Steel, ½" x 0.035 Sqr. Tube	9057	
1	80323-01	Attachment Hoop	4130 Steel, ½" x 0.035 Sqr. Tube	9057	
1	80324-01	Attachment Hoop	4130 Steel, 1.0 x 0.065 Sqr. Tube	8007	
A/R		Tube	4130 Steel, ¾" x 0.035 Sqr. Tube	8064	
A/R		Tube	4130 Steel, ½" x 0.035 Sqr. Tube	9057	
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, ½" Rod	7007	
A/R	¾-16F	Mesh	Expanded carbon steel	8094	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 80311			
Final Inspection	Drawing 80311			

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Drawing: 80312 Revision 0  
Assembly: 80312-01 Basket Lid Ass'y (Quick-Release, Short, 57.25" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	80312-01	Basket Lid Assembly			
A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	8064	
1	49216-01	Spacer	1018 Steel, 1/2" Rod	7007	
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9010	
A/R	3/4-16F	Mesh	Expanded carbon steel	8094	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 80312			
Final Inspection	Drawing 80312			

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Drawing: 36255 Revision 1  
Assembly: 36255-01 Handle Installation

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
5 Total	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	9091	
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	7047	
2	AN3-14A	Bolt		8078	
4	AN960-10	Washer		9039	
2	MS21044N3	Nut		9056	

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255			

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Drawing: 36261 Revision 4  
Assembly: 36261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	9079	
2	36271-01	Lever	304 Stainless, 0.105 Sheet	7006	
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	8076	
2	MS20615-4M3	Rivet		1039	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36261			

Tag incomplete parts with Work Order # when stored between processes.

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Drawing: 36262 Revision 1  
Assembly: 36262-01 Handle Bracket Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	321 Stainless, 0.050 Sheet	2195	
2	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	2195	
2	36275-02	Support	304 Stainless, 5/16" Rod	2005	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36262			

Tag incomplete parts with Work Order # when stored between processes.

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Drawing: 70405 Revision 2  
Assembly: 70405-01 Lid Step Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
3 Total	70405-01	Lid Step Modification			
A/R	70405-03	Tube	4130 Steel, ½" x 0.035 Sqr. Tube	6026	
1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	6005	
A/R	CR3213-4-2	Cherry Rivet		7010 9078	


Note: Remainder of assembly listed on drawing 80312

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

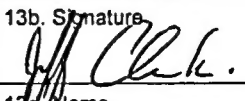
Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.




1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO 2009-03	
6. Item	7. Description Cargo Basket	8. Part Number 80311-01	9. Qty. 1	10. Serial/Batch No. 80301-07	11. Status/Work New	
12. Remarks Modified with lid step IAW DCL704						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 20 Mar 2013		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Rocky Mountain Rotors.

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 2013 39<sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7</b>					5. Work Order/Contract/Invoice <b>WO 2009-03</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	<b>Cargo Basket</b>	<b>80311-01</b>	<b>1</b>	<b>80301-01</b>	<b>New</b>	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the <del>Canadian Aviation Regulations</del> .			
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke</b>		13e. Date (dd/mmm/yyyy) <b>17 Sep 2012</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

TRK

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO 2009-03	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Cargo Basket	80311-01	1	80301-05	New	
12. Remarks Modified with lid step and front end cutout IAW DCL704						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the <del>Canadian Aviation Regulations</del> .			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.						
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 13 July 2012		14d. Name		14e. Date (dd/mmm/yyyy)
<b>Installer Responsibilities</b> This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

USA  
H241  
Southwestern

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address <b>AERO Design Ltd. – 2013 39<sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7</b>					5. Work Order/Contract/Invoice <b>2009-03</b>
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	<b>Cargo Basket</b>	<b>80311-01</b>	<b>1</b>	<b>80301-04</b>	<b>New</b>
12. Remarks <b>Modified with lid step and front end cutout IAW DCL704</b>					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature <i>Jeff Clarke</i>		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke</b>		13e. Date (dd/mmm/yyyy) <b>29 Nov 2010</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<b>Installer Responsibilities</b> This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

CLARKE / MADDALA